ZANUSSI

FRIDGE/FREEZER
ZFK 47/52RF

Thank you for buying a Zanussi product.

To enable you to use your appliance effectively and safely, please read this instruction book carefully before using the appliance and retain for future reference. If you require guidance in the use of the appliance or require further information on our products and services please contact our Customer care department.

Customer Care Department
Zanussi Limited
Zanussi House
Hambridge Road
Newbury
Berkshire
RG14 5EP

Tel: 01635 521313
Fax: 01635 42970

Guide to use the instruction book

The following Symbols will be found in the text to guide you through the instructions

Safety instructions

Hints and Tip

Step by step instructions for an operation

Environmental Information

⚠ IMPORTANT SAFETY INSTRUCTIONS

These warnings are provided in the interests of your safety. Ensure that you understand them all before installing or using this appliance. Your safety is of paramount importance. If you are unsure about any of the meanings or these warnings contact the Customer Care Department.

Installation

- This appliance is heavy. Care should be taken when moving it.
- It is dangerous to alter the specifications or attempt to modify this product in any way.
- Ensure that the appliance does not stand on the electrical supply cable. If the supply cord is damaged, it must be replaced by a special cord available from your local Service Force Centre.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Parts which heat up should not be exposed. Whenever possible, the back of the appliance should be close to a wall but leaving the required distance for ventilation as stated in the installation instructions.
- The appliance should be left for 2 hours after installation before it is turned on, in order to allow the refrigerant to settle.

Child Safety

- Do not allow children to tamper with the controls or play with the product.

During Use

- This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs only.
- Frozen food should not be refrozen once it has thawed out.
- Do not place carbonated or fizzy drinks in the freezer.
- Ice lollies can cause 'frost/freezer burns' if consumed straight from the freezer.
- Do not remove items from the freezer if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Manufacturers' recommended storage times should be adhered to. Refer to relevant instructions.

Maintenance and Cleaning

- Switch off, and unplug the appliance before carrying out any cleaning or maintenance work.

Servicing

- This product should be serviced by an authorised engineer, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local Service Force Centre.

At the End of the appliance Life

- When disposing of your appliance, use an authorised disposal site.
- Remove the plug and ensure that any locks or catches are removed, to prevent young children being trapped inside.

☞ **Please read this instruction book carefully before use and retain for future reference.**

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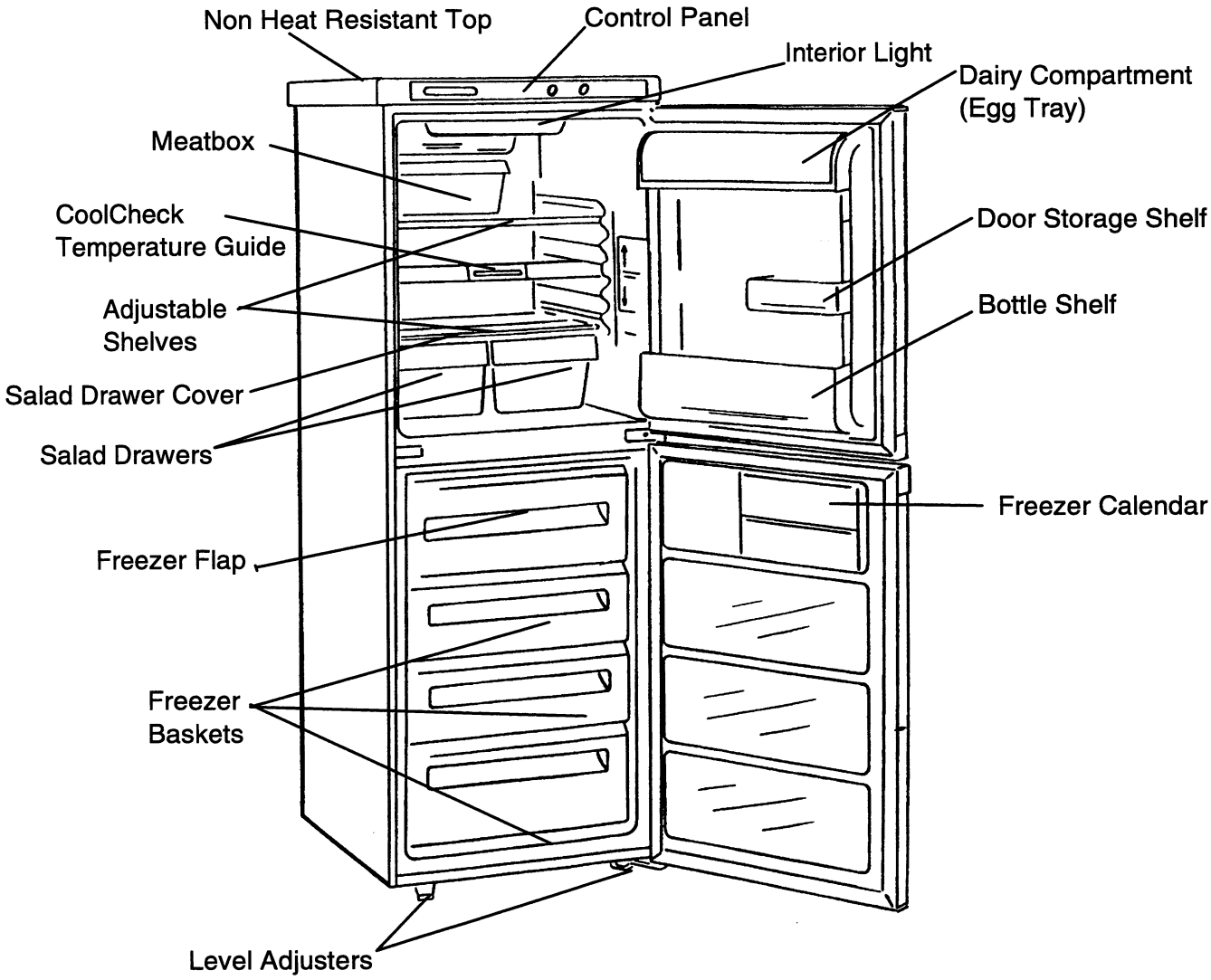
Description of the Appliance

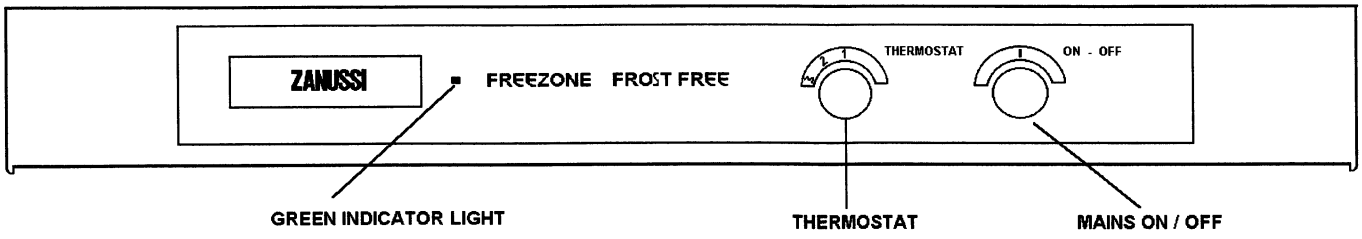


THE FURNISHINGS FROM THE SHRINK WRAP PACK SHOULD BE POSITIONED IN LINE WITH THE ABOVE DIAGRAM

Pack Contents:

Wire Shelf/Cool Check Assembly	Egg Tray
Wire Shelf/Trim Assembly	Ice Tray
Glass Salad Drawer Cover/Trim	Meat Box/Lid
Salad Drawers (2)	Butter Dish

Control Panel



USING THE APPLIANCE

⚠ *This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs.*

This appliance is designed to operate in ambient temperatures (surrounding air temperature) between 10°C (50°F) and 32°C (90°F).
If these temperatures are exceeded i.e., colder or warmer, the appliance will not operate correctly. Should the ambient temperatures be exceeded for long periods, the temperature in the freezer section will rise above -18°C and food spoilage may occur.

Before Use

Remove all securing tapes.
Wash the inside of the appliance with lukewarm water with a little bicarbonate of soda added (5ml to 0.5 litre of water). Do not use soap or detergent as the smell may linger. Dry the appliance thoroughly.

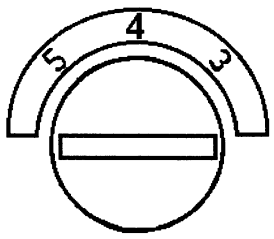
⚠ *Do not use detergents, abrasive powders, highly perfumed cleaning products, wax polishes or products containing alcohol.*

☞To Start the Appliance

1. Allow the appliance to stand for 2hrs after installation.
2. Plug in the appliance and switch on at the mains supply.
3. Turn the thermostat control to the required setting. A midway setting is usually suitable for normal operation (see thermostat control).
4. Leave the appliance for approximately 4 hours for the correct temperature to be reached before placing food inside.

Thermostat Control

The thermostat control is situated in the top panel and is marked from 1 - 6, the higher the number, the colder the setting. The thermostat control regulates the temperature both within the fridge and freezer compartments.



1 - Cold
6 - Coldest

The temperature will be affected by:

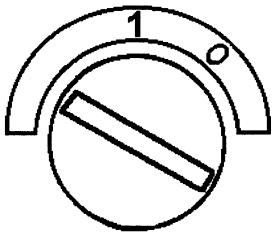
- Ambient temperature
- How often the door is opened
- How much food is stored
- Position of the appliance

In determining the correct temperature control setting, all these factors have to be considered and some experimentation may be necessary.

⚠ *Do not allow children to tamper with the controls or play with the product.*

MAINS ON/OFF SWITCH

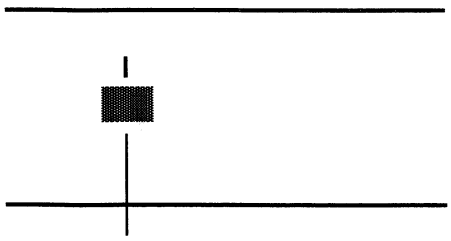
For the appliance to operate this switch must be in the 1 position as well as being plugged into the mains supply.



INDICATOR LIGHT

The green indicator light is situated in the control panel.

When the appliance is switched on at the mains the green indicator light will glow and continue to glow until the appliance is switched off at the mains.



GREEN INDICATOR LIGHT

LOW AMBIENT TEMPERATURE CONTROL

Your appliance has been designed to operate in ambient temperatures between10°C to 32°C.

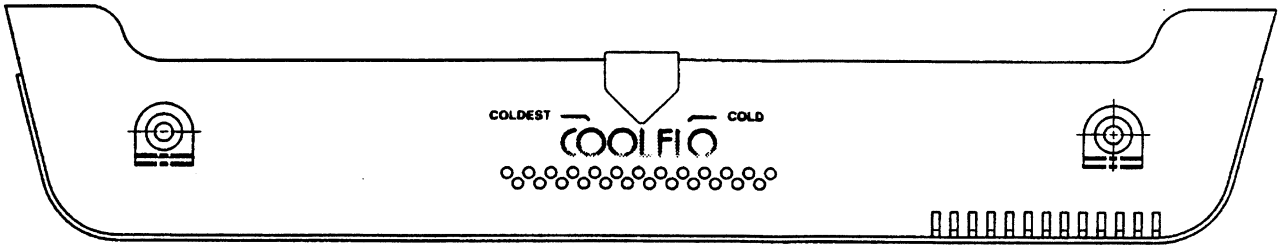
By use of an air circulation slider control situated at the rear of the fridge compartment the amount of cold air circulated through the fridge compartment can be varied.

In room temperatures of between 10°C and 16°C, should you find your fridge temperatures too cold, reposition the slider control to the "cold" position.

NB. Positioning the slider control to the "cold" position does not stop the flow of cold air, only restrict it.

At room temperatures above 16°C the slider control can be adjusted between "cold" and "coldest" to increase the amount of cold air circulating through the fridge compartment. Maximum circulation will be achieved with the slider control set at "coldest".

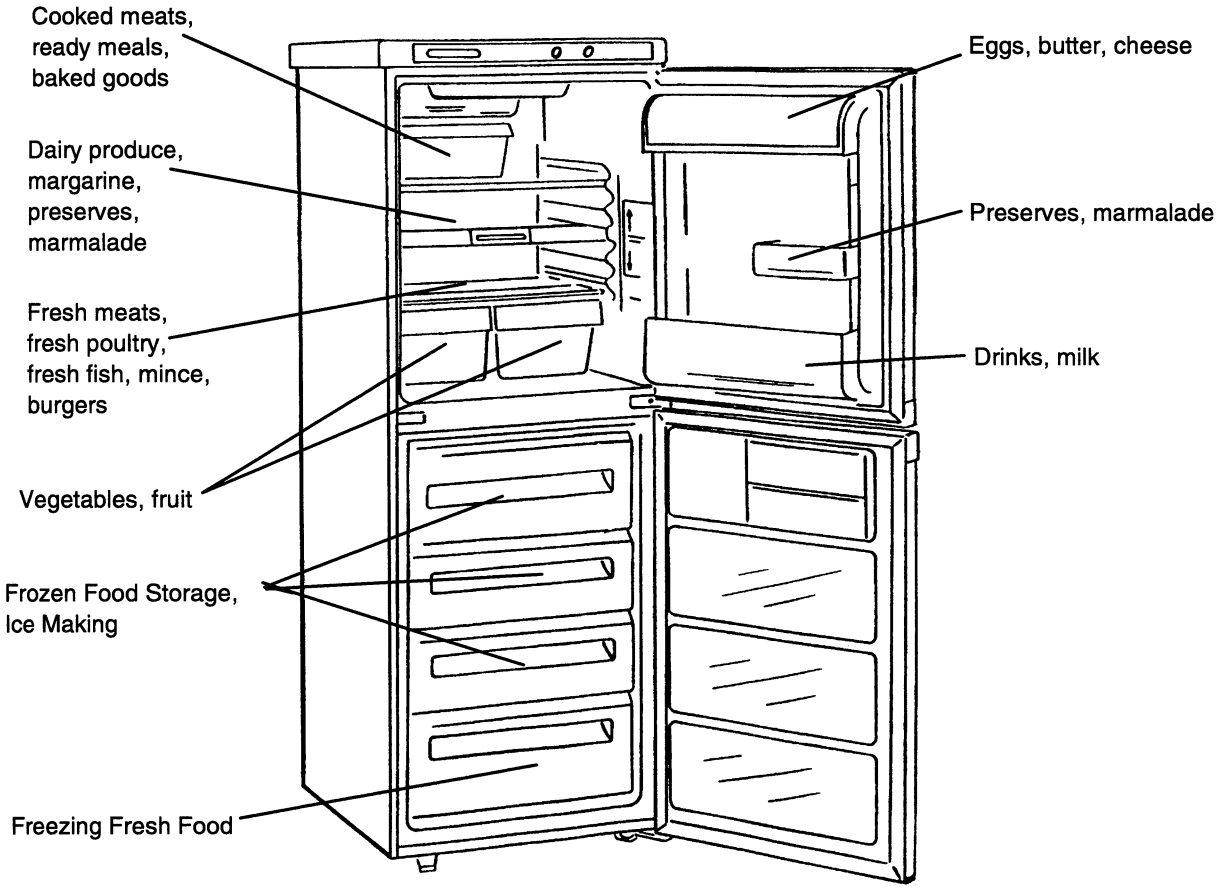
Any further fridge temperature adjustment should be carried out by using the thermostat control (see section headed "Thermostat Control").



Larder Compartment

The correct temperature for safe storage of fresh food inside is 0°C to 5°C (32°F to 41°F).

Storage Guide

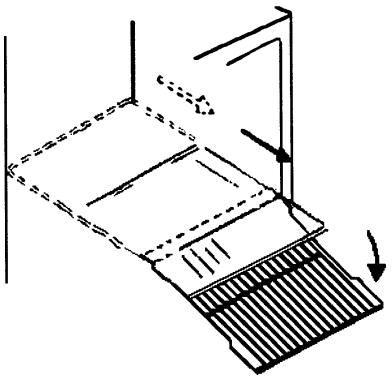

Cooked meats, ready meals, baked goods
Dairy produce, margarine, preserves, marmalade
Fresh meats, fresh poultry, fresh fish, mince, burgers
Vegetables, fruit
Frozen Food Storage, Ice Making
Freezing Fresh Food
Eggs, butter, cheese
Preserves, marmalade
Drinks, milk

Adjustable shelves

Store light items such as small cartons and jars on the shelves provided in the door. The bottle shelf can be used for the storage of heavier bottles.

N.B. The bottle shelf is not adjustable/removable

The larder compartment is fitted with shelves which are adjusted for the storage of different sized articles.

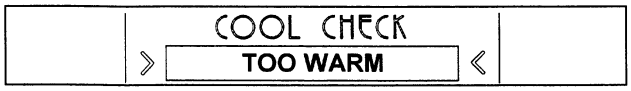


If the door cannot be opened further than 90° remove the shelves by tilting the shelf downwards and pulling outwards.

Cool Check Guide

The guide consists of a temperature sensitive strip sealed in a shelf trim.

When the fridge is operating at the safe temperature to store food the guide will appear black. If the temperature rises above this level the guide will show the words TOO WARM.



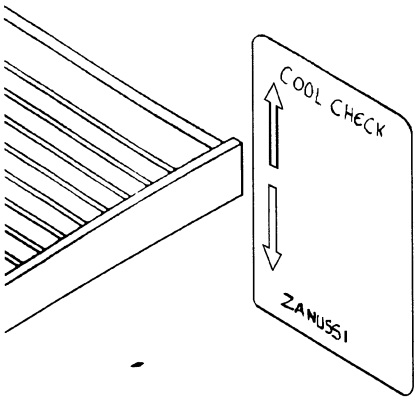
Positioning of the Cool Check

The shelf with the cool check temperature guide must be placed in the fridge according to the instructions located on the fridge wall and always ensure the guide is at the front.

If the Cool Check Shows too Warm

In certain conditions the temperature guide may show TOO WARM.

- The fridge is switched off
- The door has been recently opened
- A quantity of warmer food has been introduced to the fridge
- The fridge temperature is above the recommended maximum for the safer storage of food.



The coolcheck will change to show "TOO WARM" very quickly after the door has been opened. It will however take a number of hours to return to black, indicating that the temperature is correct.

The appliance should be left overnight and the coolcheck examined in the morning. If the coolcheck shows TOO WARM, turn the appliance to a colder setting leave overnight and examine again the following morning.

Hints and tips

The guide is only suitable for use in the model supplied.

The guide will not operate in the freezer compartment.

When cleaning the shelf take care not immerse in water, and wipe away any spills.

The Freezer Compartment

The ******* symbol means that your freezer will store frozen food at -18°C (-0.4°F) or colder allowing for long term frozen food storage and freezing of fresh food. The freezer temperature is controlled automatically by the thermostat situated in the control panel.

Due to the different installations, methods of usage and weather conditions, adjustments to the temperature settings may be required.

These are best assessed against a temperature reading on a thermometer buried in the frozen food. The reading must be taken quickly as the thermometer temperature will rise rapidly after removal.

Frozen Food Storage

The appliance has the following net storage volume:

101 litres (3.6 cuft)
32.3kg (71.3 lb)†

† This is a standard measurement and the actual capacity depends upon the density and sizes of the food. the above figures are based on an average density of 0.32kg pr litre (20 lb per cuft).

Pre packed commercially frozen food should be stored in accordance with the manufacturer's instructions for a 4 star frozen food compartment and should be put in the freezer as soon as possible after purchase. Your freezer provides for long term storage which generally means up to 3 months but the length of the time can vary and it is important to follow the recommended times shown on packets of commercially frozen food.

Do not place sealed containers or carbonated liquids such as fizzy drinks into the freezer as it creates pressure on the container which may cause it to explode resulting to damage to the freezer.

Ice cubes and ice lollies should not be consumed immediately after removal from the freezer as it may result in low temperature skin abrasions.

Manufacturers storage times should be adhered to.

Freezing Fresh Food

The maximum quantity of food you can freeze in 24 hours is 6kg. Place the fresh food in the bottom two baskets. Food may need rearranging to achieve this.

Frozen food should not be refrozen once it has thawed out.

Do not remove items from the freezer if your hands are damp/wet, as this could cause skin abrasions or 'frost/freezer burns'.

Hints and Tips

- Any opened packets of frozen food, should be rewrapped in airtight materials to prevent surface evaporation which causes drying or 'freezer burn'.
- Frozen food which is allowed to thaw accidentally should either be used immediately or thrown away. Alternatively if the food is uncooked and has not been completely defrosted it can be cooked and then refrozen.
- Aim to check dates on packets and rotate food regularly. Although storage longer
- than recommended is not harmful, flavours and textures begin to change.

HINTS AND TIPS

Food Storage

- To obtain the best results from your appliance, neither hot foods nor liquids which may evaporate, should be placed in the larder compartment.
- Avoid buying frozen food if you cannot store it straight away. The use of an insulated container is advisable. When you arrive home place the frozen food in the freezer immediately.
- Keep the time between buying chilled food and placing it in your fridge as short as possible.
- Do not push food together too much, try to allow air to circulate around each item.
- Do not store food uncovered.
- Ensure that food placed in the freezer is dated and labelled and used in date order to ensure that food is consumed at its best.
- Remove suspect food from your refrigerator and clean, refer to cleaning and maintenance.

Energy Saving Advice

- Do not install the cabinet close to sources of heat, such as a cooker, dishwasher or radiator.
- Locate the appliance in a cool well ventilated room and make sure that the air openings of the cabinet are not obstructed.
- Avoid unnecessary frosting in the cabinet by packing all foodstuffs into airtight packages before placing them in the freezer.
- Always leave warm food to cool down to room temperature before placing in the fridge or freezer.
- Food which is to be frozen (when cool) should be placed in the fridge before being transferred to the freezer.
- Thaw frozen food in the fridge. This will ensure safer defrosting of foods and reduce the work of the refrigeration unit.
- Try to avoid keeping the door open for long periods, or opening the door too frequently as warm air will enter the cabinet, and cause the compressor to switch on unnecessarily often.
- Ensure there are no obstructions preventing the door from closing properly.
- It is advisable to periodically clean the refrigeration system at the back of the appliance with a duster or vacuum cleaner.

In the Event of a Power Failure

If there is a power failure during the storage of frozen foods, keep the door closed. If the temperature within your freezer should rise do not refreeze the food without checking it's condition. The following guidelines should assist you:

Ice Cream: Once thawed should be discarded.

Fruit and Vegetables: If soft should be cooked and used up.

Bread and Cakes: Can be refrozen without danger.

Shellfish: Should be refrigerated and used up quickly.

Cooked Dishes: i.e. casseroles, should be refrigerated and used up.

Large Pieces of Meat: Can be re-frozen providing there are ice crystals remaining within them.

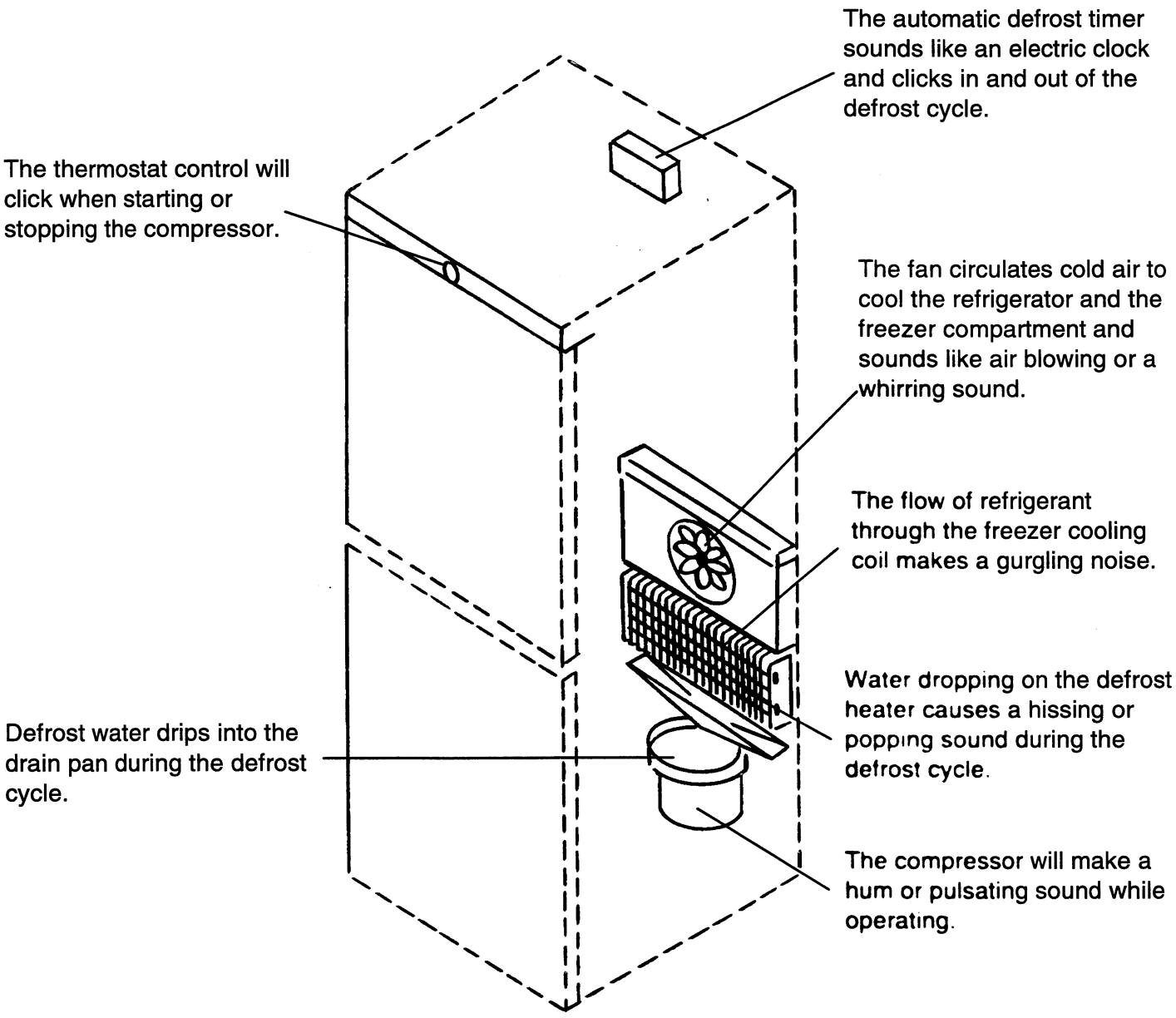
Small Joints: Should be cooked and then re-frozen as cooked dishes.

Chicken: Should be cooked and re-frozen as a fresh dish.

HINTS AND TIPS

Normal Operating Sounds

The advanced design of today's frost free appliances mean you may hear unfamiliar noises during everyday operation. The diagram below describes some of the noises you may hear. These are quite normal and mean your appliance is operating correctly.


The automatic defrost timer sounds like an electric clock and clicks in and out of the defrost cycle.
The thermostat control will click when starting or stopping the compressor.
The fan circulates cold air to cool the refrigerator and the freezer compartment and sounds like air blowing or a whirring sound.
The flow of refrigerant through the freezer cooling coil makes a gurgling noise.
Water dropping on the defrost heater causes a hissing or popping sound during the defrost cycle.
Defrost water drips into the drain pan during the defrost cycle.
The compressor will make a hum or pulsating sound while operating.

MAINTENANCE AND CLEANING

Before any maintenance or cleaning work is carried out DISCONNECT the appliance from the ELECTRICITY supply

Internal Cleaning

Clean the inside and accessories with warm water and bicarbonate of soda (5ml to 0.5 litre of water). Rinse and dry thoroughly.

Do not use detergents, abrasive powers, highly perfumed cleaning products, wax polishes or cleaning products containing bleach or alcohol.

Regularly check the door seals and wipe clean to ensure they are clean and free from debris.

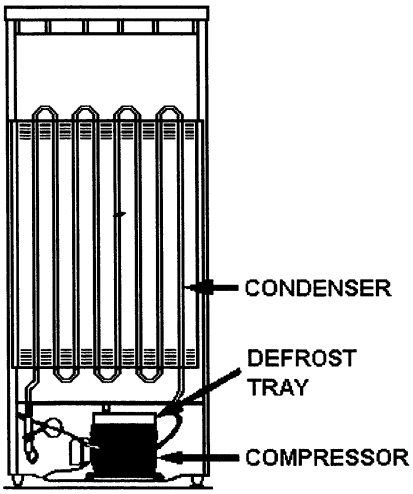
External Cleaning

Wash the outer cabinet with warm soapy water.

Do NOT use abrasive products.

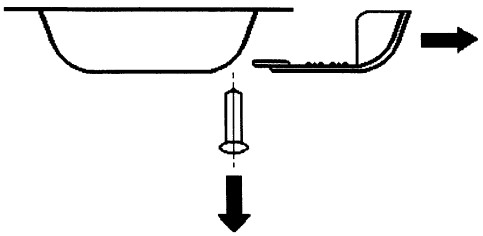
There are sharp edges on the underside of the product so care should be taken when cleaning.

Once or twice a year dust the condenser (black grille) and the compressor at the back of the appliance, with a brush or vacuum cleaner, as an accumulation of dust will affect the performance of the appliance and cause excessive electricity consumption.



☞To Change the Light Bulb

1. Switch off the appliance and disconnect from the electricity supply.
2. Remove the light cover by removing the screw at the rear with a screwdriver.
3. Pull the cover outwards towards the middle of the cabinet.
4. Unscrew the bulb and replace it with a new 15 watt E14 SES bulb (available from your local Service Force Centre).
5. Replace the cover by sliding it into its original position.
6. Replace the screw.



Automatic Defrosting

Your appliance has been designed to be frost free. This means there is no need to defrost your appliance as this will be carried out automatically.

When the Appliance is Not in Use

When the appliance is not in use for long periods, disconnect from the electricity supply, empty all of the food and clean the appliance, leaving the door ajar to prevent unpleasant smells.

WHAT HAPPENS IF SOMETHING GOES WRONG

BEFORE contacting your local Service Force Centre, check the following points:

Symptom	Solution
No power to the appliance	Check there is power at the socket.
	Check there is not a power cut by checking the household lights.
	Check the fuse has not blown.
The light does not come on	Ensure that the bulb is correctly fitted.
	Replace the bulb if it has blown.
	Check the door light switch is not jammed.
The temperature in the fridge or freezer section is too high	Check the thermostat is turned to the correct setting relative to ambient conditions.
	Check the ambient temperature is within the appliances operating limits of 10°C to 32°C. Relocate the appliance if necessary.
The freezer door will not open	Has door just been opened? If so leave for a few minutes to allow the air pressure to equalise.
The compressor runs continuously	Adjust the thermostat to give correct temperature control. See page 6.
	Check that the doors are closed.
	Large quantities of food have recently been placed in the cabinet / and or door is frequently opened.
	Check that air ventilation is not obstructed.
Excessive frost and ice has built up	Ensure the doors are not left open.
	Check that nothing is preventing the doors from closing.
	Is the door gasket intact and clean.
Noise	Refer to normal operating sounds.

If after the above checks there is still a fault call your local Service Force Centre.

In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

Please note that proof of purchase is required for in-guarantee service calls.

Service and Spare Parts

If you require service or spare parts please contact your local Service Force Centre by telephoning

0990 92992

The address and telephone number can be found in the accompanying Customer Care book and also in your local telephone directory.

Before contacting your local Service Force Centre make a note of the model and serial number, together with the date of purchase. The service department will require this information.

The model and serial number can be found on the rating plate situated inside the cabinet behind the salad drawer.

INSTALLATION INSTRUCTIONS

Technical Information

DIMENSIONS

HEIGHT:	169.6cm (66.77")	
WIDTH:	55.3cm (21.77")	
DEPTH:	61.5cm (24.21")	
CAPACITY		
GROSS:	Fridge:	132 litres
	Freezer:	131 litres
NET:	Fridge:	130 litres
	Freezer:	101 litres

POWER ABSORBED:	190W
VOLTAGE:	230 - 240V
FREQUENCY:	50Hz
AVERAGE DAILY UNITS OF ELECTRICITY:	3.28Kwh *

* THIS FIGURE IS BASED ON STANDARD TEST RESULTS IN THE EUROPEAN STANDARD EN153. ACTUAL CONSUMPTION WILL DEPEND ON HOW THE APPLIANCE IS USED AND WHERE IT IS LOCATED.

CE

This appliance complies with the following E.E.C Directives:
73/23 EEC of 19.2.73 (Low Voltage Directive) and subsequent modifications.
89/336 EEC of 3.5.89 (Electromagnetic Compatibility Directive) and **subsequent** modifications.

⚠ It is dangerous to alter the specifications or attempt to modify this product in any way.

Electrical Connections

Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

This appliance must be earthed.

The manufacturer declines any liability should these safety measures not be observed.

Electrical Requirements

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance rating plate.

The appliance is supplied with a 13 amp plug fitted. In the event of having to change the fuse in the plug supplied, a 13 amp ASTA approved (BS1362) fuse must be used.

Should the plug need to be replaced for any reason. The wires in the mains lead are coloured in accordance with the following code:

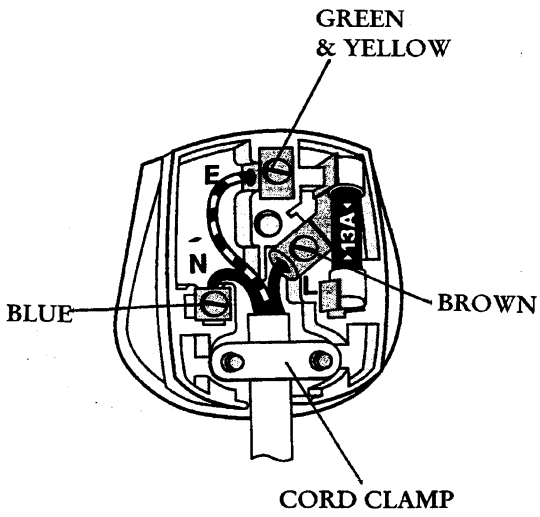
Green and Yellow	: Earth
Blue	: Neutral
Brown	: Live

The wire coloured green and yellow must be connected to the terminal marked with the letter "E" or by the earth symbol ⏚ or coloured green and yellow.

The wire coloured blue must be connected to the terminal marked "N" or coloured black.

The wire coloured brown must be connected to the terminal marked "L" or coloured red.

Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.



Installation Requirements

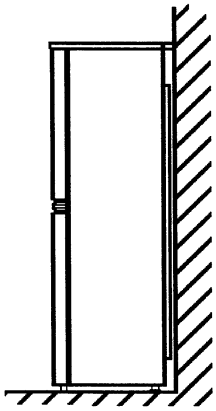
To ensure correct operation this appliance must not be located where the temperatures will fall below 10°C (50°F) or rise above 32°C (90°F).

Avoid the following locations: unheated kitchen, outhouse, conservatory, garage.
For correct operation this appliance must be installed:

- In a dry atmosphere.
- Out of direct sunlight.
- Away from extreme temperature (not next to a cooker or other sources of heat).
- Your appliance will be heavy when loaded with food and must therefore be stood on a strong firm floor.

Ventilation Requirements

- Gently push into place until the top panel rear ventilation grille touches against the wall.
- When in position a 50 mm (2") clear space above the appliance should be maintained.
- If space above the appliance is not available, clearance of 25mm (1") should be maintained on both sides.



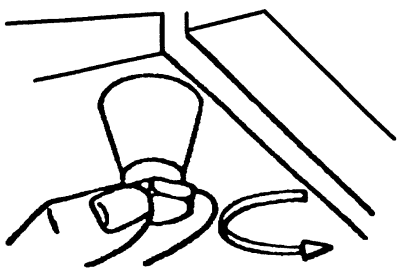
⚠ *Ensure that the appliance does not stand on the electrical supply cable.*

Parts which heat up should not be exposed. Whenever possible , the back of the appliance should be close to a wall but leaving the required distance for ventilation.

Levelling

The appliance should be level, to eliminate rocking:

- Ensure the appliance is upright and both adjusters are in firm contact with the floor so that the cabinet is level.
- Adjust the level by screwing out the appropriate level adjuster at the front, (use your fingers or a suitable spanner).



⚠ *This appliance is heavy. Care should be taken when moving it.*

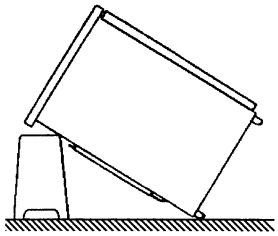
☞ Door Reversal

1. Disconnect the appliance from the electricity supply.

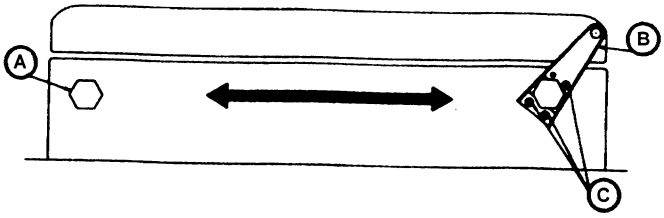
2. Remove all loose items, including food. Store food in a cool place.

3. Make sure a towel or cloth is at the base of the product to prevent it from slipping.

4. Carefully lean the appliance backwards, resting the top on a stool, or something similar, at least 30cm (12") from the floor. (care must be taken not to allow the appliance wheels to slip).

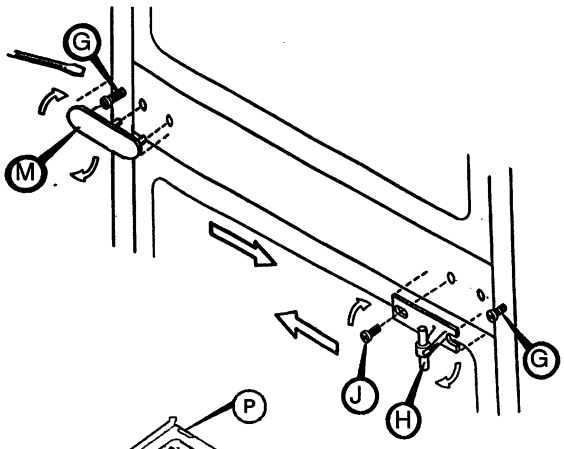


⚠ *Do not support the appliance on the rear ventilation grille or condenser.*



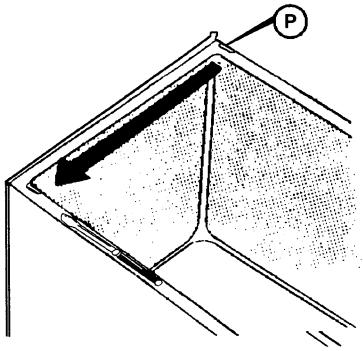
5. Remove level adjuster (A) from base of product retaining small cup spacer which is located around the threaded portion of the adjuster.

6. Remove the foot / hinge assembly (B) by removing screws marked (C).



7. Remove the bottom door by lifting it upwards slightly and carefully sliding it down off the centre hinge pin (H).

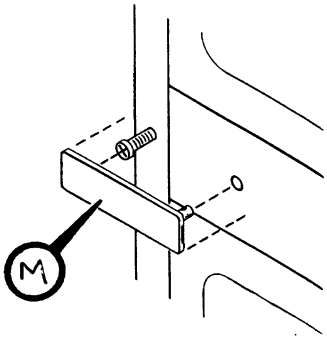
8. Remove blanking plate (M) using a flat blade screwdriver.



9. Remove the centre hinge (H) by loosening screw (G) and removing totally screw (J). Remove the top door by carefully sliding it down off the upper hinge pin (P).

10. Unscrew the upper hinge pin (P) and transfer it to the opposite side of the cabinet.

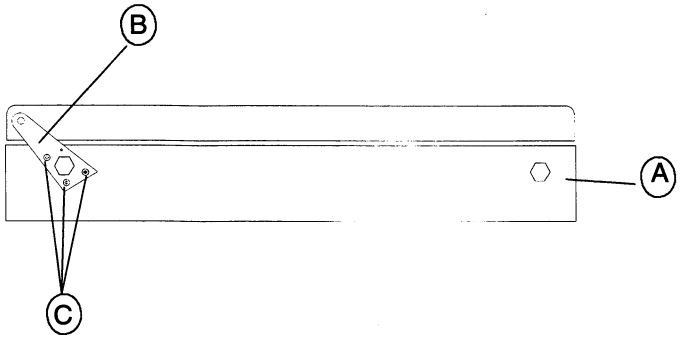
11. Refit blanking plate (M) onto the opposite side of the cabinet.



12. Refit the top door by carefully sliding it onto the upper hinge pin (P).

13. Turn the centre hinge (H) around from its illustrated position and transfer it to the opposite side. Gently press the centre hinge up into the door.
    To secure the centre hinge to the cabinet, refit screw (J). Ensure the top door is correctly aligned before fully tightening the screws (J) and (G). This can be achieved by sideways movement of the centre hinge.

14. Refit the bottom door by sliding it onto the centre hinge pin. Take the bottom hinge foot assembly (B) and transfer it over to the opposite side of the cabinet being careful to retain any spacing washer fitted onto the bottom hinge pin. Push the hinge foot assembly (B) into the door bearing using the pin of the foot for location. Three holes will then line up with the hinge foot and screws (C) should be used to secure the hinge. Refit level adjuster and spacer (A) in the opposite side of the cabinet.



15. The base of your product should now be in line with the diagram.

16. Stand the appliance upright.

GUARANTEE CONDITIONS

Standard guarantee conditions
We, Zanussi Limited, undertake that if within 12 months of the date of the purchase this Zanussi appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same FREE OF CHARGE for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on the rating plate
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions
- The appliance has not been serviced, maintained repaired, taken apart or tampered with by any person not authorised by us
- All service work under this guarantee must be undertaken by a Zanussi Service Force Centre.
- Any appliance or defective part replaced shall become the Company's property
- This guarantee is in addition to your statutory and other legal rights

Home visits are made between **8.30am** and **5.30pm** Monday to Friday. Visits may be available outside these hours in which case a **premium** will be charged.

Exclusions
This guarantee does not cover:

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic
- Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the United Kingdom
- Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements
- Products of Zanussi manufacture which are not marketed by Zanussi Limited

European Guarantee
If you should move to another country within Europe then your guarantee moves with you to your new home subject to the following qualifications:

- The guarantee starts from the date you first purchased your product
- The guarantee is for the same period and to the same extent for labour and parts as exists in the new country of use for this brand or range of products
- This guarantee relates to you and cannot be transferred to another user
- Your new home is within the European Community (EC) or European Free Trade Area
- The product is installed and used in accordance with our instructions and is only used domestically, i.e. a normal household
- The product is installed taking into account regulations in your new country

Before you move please contact your nearest Customer Care centre, listed below, to give them details of your new home. They will then ensure that the local Service Organisation is aware of your move and able to look after you and your appliances.

France	Senlis	+33 (0)3 44 62 29 99
Germany	Nürnberg	+49 (0)911 323 2600
Italy	Pordenone	+39 (0)1678 47053
Sweden	Stockholm	+46 (0)8 738 79 50
UK	Newbury	+44 (0)1635 521

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